

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re: Haswell et al.
Appl. No.: 10/529,604
Filed: March 30, 2005
For: POWER GENERATOR

Confirmation No. 1612
Group Art Unit: 2834
Examiner: TBA

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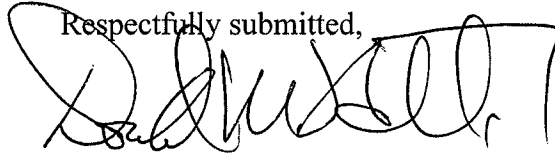
**PETITION TO MAKE SPECIAL UNDER
37 CFR § 1.102(c)**

Applicant hereby petitions that this application be made special pursuant to 37 CFR 1.102(c) and MPEP § 708.02, on the basis that (1) the invention materially enhances the quality of the environment, and/or (2) the invention contributes to more-efficient utilization and conservation of energy resources.

Applicant respectfully submits this petition should be granted because the invention relates to a unit comprising a piezoelectric-based power generator and associated control circuitry, for mounting inside a pneumatic tire. The unit can be part of a telemetry device for wireless transmission of data (e.g., air pressure and temperature within the tire, etc.) to a receiver. The piezoelectric element when deflected generates its own electrical power for powering the control circuitry, associated pressure and temperature sensors, and the telemetry device. Thus, the invention eliminates the need for a battery or other power source. Accordingly, the invention materially enhances the environment and contributes to energy conservation by eliminating the need for disposing of batteries (which are notoriously unfriendly to the environment because of heavy metal content that can pollute ground water and soil) and by

eliminating the need for generation of power using fossil fuels or other finite-capacity energy resources.

Respectfully submitted,

A handwritten signature in black ink, appearing to read "Donald M. Hill, Jr.", written over the text "Respectfully submitted,".

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